

Semester Test—Chapter 17  
January 2012

NAME: \_\_\_\_\_

True & False: Place a T or an F on the line in front of each question. (10 points)

- \_\_\_\_\_ 1. Capillaries are the smallest blood vessels.
- \_\_\_\_\_ 2. The ventricles receive blood from blood vessels.
- \_\_\_\_\_ 3. The myocardium is the muscle that is called the heart.
- \_\_\_\_\_ 4. The left and right pulmonary veins transport blood to the lungs.
- \_\_\_\_\_ 5. Platelets carry oxygen-rich blood.
- \_\_\_\_\_ 6. White blood cells are used by the body to carry hemoglobin.
- \_\_\_\_\_ 7. The lymphatic system fights infection.
- \_\_\_\_\_ 8. Platelets are the smallest type of blood cell.
- \_\_\_\_\_ 9. Plasma is the fluid in which all other parts of blood are suspended.
- \_\_\_\_\_ 10. The pharynx is known as the throat.

Matching: Put the letter on the line in front of the correct statement. (15 points)

- |  |                |
|--|----------------|
| _____ 11. The vessels that return deoxygenated blood toward the heart from the body's organs/tissues | A. diaphragm   |
| _____ 12. A muscle that separates the chest and abdominal cavities                                   | B. veins       |
| _____ 13. The vessel that carries blood away from the heart  | C. hemoglobin  |
| _____ 14. The process of breathing   | D. lymph       |
| _____ 15. The exchange of gases between your body and your environment                               | E. respiration |
| _____ 16. A clear yellow fluid that fills the spaces around body cells                               | F. plasma      |
| _____ 17. The vessels that carry blood between arteries and small vessels called veins               | G. lymphatic   |
| _____ 18. The fluid in which the other parts of blood are suspended                                  | H. platelets   |
| _____ 19. Inflammatory condition of small airways in the lungs                                       | I. asthma      |
| _____ 20. A type of white blood cell that protects the body against pathogens                        | K. bronchi     |
| _____ 21. The cells that prevent the body's loss of blood  | L. trachea     |
| _____ 22. Occurring at birth   | M. pleurisy    |
|  | N. tonsilitis  |
|  | O. arteries    |
|  | P. coagulation |

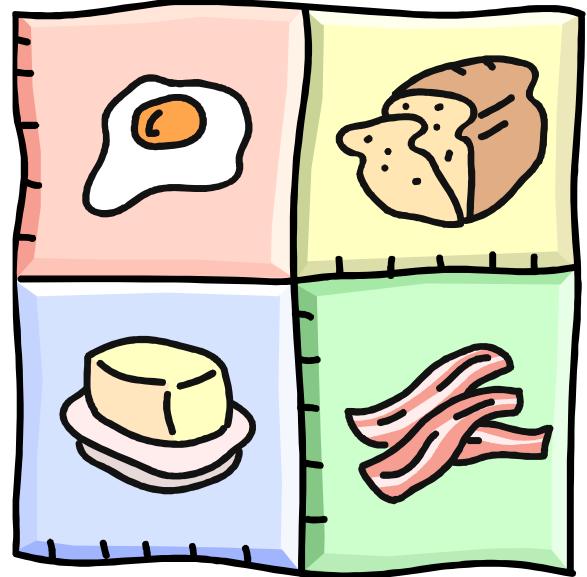
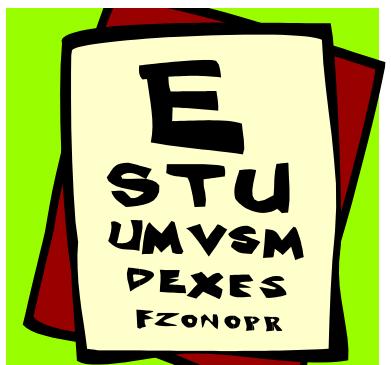
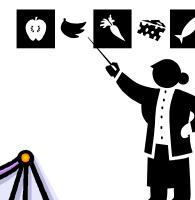
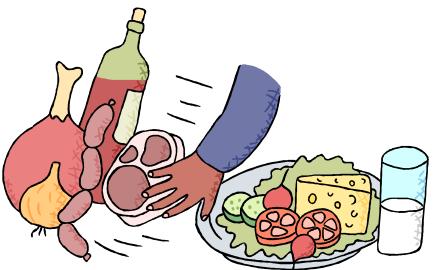
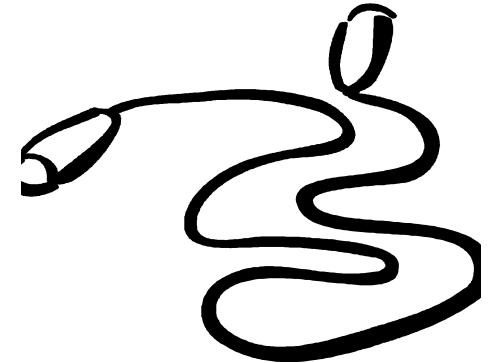
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Multiple Choice: Circle the correct answer. (10 Points)

1. Red blood cells...
  - a. Fight infection.
  - b. Contain hemoglobin.
  - c. Carry oxygen from lungs to body tissues.
  - d. Make up 50% of blood.
2. White blood cells...
  - a. Make up 50% of the blood.
  - b. Fight infection.
  - c. Are found in the lymph.
  - d. Are larger than red blood cells.
3. Blood vessels...
  - a. Return blood back to the lungs.
  - b. Carry nutrients to body tissues.
  - c. Are only found in the heart.
  - d. Carry oxygenated blood to distribute.
4. The left ventricle...
  - a. Pumps blood to the lungs.
  - b. Receives blood directly from the lungs.
  - c. Pumps blood out the aorta.
  - d. Is the last chamber the blood flows through before leaving the heart.
5. Lymph...
  - a. Is a clear and yellow fluid that fills the spaces around the body.
  - b. Contains red blood cells.
  - c. Causes varicose veins.
  - d. Is a disease of the circulatory system.
6. Lymph nodes...
  - a. Carry lymph throughout the body.
  - b. Are another name for tonsils.
  - c. Act as barriers to infection.
7. The heart...
  - a. Is about the size of both fists put together.
  - b. Moves a gallon of blood every minute.
  - c. Has 6 chambers.
8. Blood...
  - a. Is 92% water.
  - b. Transports hormones to your body's cells.
  - c. Carries wastes from cells.
  - d. All of the above.

# CHS Health Class

## Mrs. Aaberg



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9. Bronchioles...
  - a. Cause bronchitis.
  - b. Are airways in the lungs.
  - c. Form a defense to trap foreign particles.
  - d. Branch out to alveoli.
10. The lymphatic system...
  - a. Transports blood throughout the body.
  - b. Fights infection.
  - c. Is called the secondary circulatory system.

Short Answer: Answer each of the following questions. (12 Points)

1. What makes up 55% of your blood? (1 Point)
2. Name the two lymphocytes. (2 Points)
3. What is a heart attack? (2 points)
4. What is a stroke? (2 points)
5. The lung is divided into three parts. Name them. (3 points)
6. List several ways to avoid getting an infection. (2 points)

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Place a check mark under the correct system for the system problems. (8 points)

	CIRCULATORY	LYMPHATIC	RESPIRATORY
Immune Deficiency			
Anemia			
Pneumonia			
Leukemia			
Tonsillitis			
Emphysema			
Hemophilia			
Hodgkin's Disease			

Place a check mark under the system the part belongs to. (20 points)

PARTS	CIRCULATORY SYSTEM	LYMPHATIC SYSTEM	RESPIRATORY SYSTEM
Left Lung			
Atrium			
T-Cells			
Arteries			
Lymph Nodes			
Larynx			
Epiglottis			
Platelets			
Blood Vessels			
Ventricle			
B-Cells			
Aorta			
Lymphocytes			
Bronchiole			
Alveoli			
Septum			
Heart			
Spleen			
Tonsils			
Right Lung			